

60DegreeV6
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3.4L (Gen 1) Specifications

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General Data: All dimensions are in millimeters			
Type			60 degree V6
Displacement			3.4L
RPO			L32
Bore			92.0
Stroke			84.0
Deck Height			224
Compression Ratio			9:1
Firing Order			1-2-3-4-5-6
Oil Pressure			69 kPa @500 RPM; 205-380 kPa @ 2000 RPM (10 psi @ 500 RPM; 30-55 psi @ 2000R RPM)
Cylinder Bore:			
Diameter			92.020-92.038
Out of Round			0.007 (Maximum)
Taper - Thrust Side			0.007 (Maximum)
Maximum Deck Warpage			0.10
Piston:			
Clearance			0.028-0.061
Piston Ring:			
COMPRESSION	Groove Clearance	Top	0.050-0.090
		Second	0.050-0.090
	Gap	Top	0.18-0.41
		Second	0.48-0.074
OIL		Groove Clearance	0.20(Maximum)
		Gap	0.25-0.76

Fastener Tightening Specifications

Item
Camshaft Sprocket Bolt
Connecting Rod Cap Nut
Crankshaft Damper Bolt
Cylinder Head Bolt (In Sequence) (apply thread sealant to bolts)
First Pass
Final Pass
Manifold Side
6 2 3 7
5 1 4 8
* Outer Side *
Exhaust Manifold Bolt
Flexplate/Flywheel Bolt
Front Timing Cover Case Bolt
8mm
10mm
Lower Intake Manifold (In Sequence)
First Pass
Final Pass
Upper Intake Manifold Bolt
Main Bearing Cap Bolt
First Pass
Final Pass
Oil Filter Adapter
Oil Pan Rear Bolts
Oil Pan Bolt and Nut (Except Rear 2)
Oil Pump Bolt
Rocker Arm Stud
Belt Tensioner
Throttle Body Bolts
Timing Chain Damper Bolt

Water Pump Pulley Bolt

Water Pump

Large

Medium

Small

Exhaust Heat Shield Nut

Valve Cover Bolt[-- #107](#)[Contact Us](#) [Archive](#) [Top](#)

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